

Kathy D. Modes
Senior Health Physicist
U.S. NRC
475 Allendale Rd
King of Prussia, PA 19406

Br. 4

VARIAN
medical systems

Brachy Therapy
700 Harris Street, Suite 109
Charlottesville, VA 22903
USA
tel +1 434 977 8495
fax +1 434 244 7181
www.varian.com

03036666

Varian Medical Systems, Brachytherapy Division, is naming Sharon Thompson, MS, DABR as the Radiation Safety Officer (RSO) for UNNRC License 45030957-01 during an interim period where the full-time RSO, Rick Piccolo, is unavailable. I am attaching her credentials and training.

Sharon Thompson is a medical physicist with 27 years clinical experience. She is board certified by the American Board of Radiology in both Therapeutic and Diagnostic Physics (see attached). She is listed as a qualified medical physicist on several state licenses (TX, NM, and VA). She is also listed as an authorized physicist on two facility radioactive material Licenses as the HDR physicist. She was hired by a Varian Medical Systems Brachytherapy as a consultant in August 2011 as an applications specialist for HDR and Variseed and is a certified training for all Varian HDR equipment and has conducted many site trainings for both Varisource and Gamma Med Afterloaders. These trainings include an extensive module in Emergency Training for the HDR. She also conducted annual emergency HDR training at her past facilities as well. She works on the help desk and is familiar with most personnel in the Brachytherapy Division. Her manager for her Application position, Richard Dillon, has agreed to allow RSO duties to come first as needed during Sharon's time as RSO. She has worked on Varian HDR Afterloaders since 2001 and is very familiar with all technical specifications and safety features as well as all regulatory guides and requirements that are used. She has just relocated from New Mexico to Virginia in close proximity to the Charlottesville office and her Varian position will be her primary job until the former RSO returns. She has extensive radiation safety experience as the sole medical physicist in many facilities throughout her career as can be seen on the attached CV. The following address the questions raised in the email.

- a. Describe the control over the radiation safety program that will be delegated so that the consultant-RSO will be able to exercise authority over authorized users when confronted with radiation safety problems that require implementation of corrective actions.

The named RSO will be available to exercise authority over authorized users and be available to address any radiation safety problems and corrective actions as necessary. Her supervisor will be Mark Kattmann and she will keep him informed of all important actions.

- b. Describe the relationship that will exist between the consultant-RSO and your institutional management regarding expenditure of funds to facilitate the objectives of your radiation safety program and related regulatory requirements.

REC'D IN LAT. 9/11/13

582104
NMSS/RGN1 MATERIALS-002



Brachy Therapy
700 Harris Street, Suite 109
Charlottesville, VA 22903
USA
tel +1 434 977 8495
fax +1 434 244 7181
www.varian.com

Sharon will request funds from Grant Gamache in VMS accounting and approvals will be made by Mark Kattmann as necessary for all necessary expenditures which arise.

- c. Identify other commitments of the consultant-RSO for other NRC or Agreement State licensed facilities, along with a description of how the consultant-RSO will allocate time to permit the performance of the duties of the RSO as described in the regulations. State the consultant-RSO's minimum amount of on-site time (hours per week).

As stated earlier, Sharon just re-located to Virginia and is close to the Charlottesville office. She will be available at all times for her RSO duties. She will perform on-site duties as necessary averaging two days per week and has a VPN connection with Varian due to her other consultant position and can address emails and phone calls as needed. There is no Radioactive Material stored at VMS Charlottesville so source security on site is not a factor. The RSO position will take priority over her other Varian position and she has no other on-going positions at the present so that she can give it all her attention.

- d. Appoint an in-house representative who will serve as the point of contact during the RSO's absence. This person may be allowed to assist the consultant RSO with limited authority.

Mark Kattmann will serve as an on-site representative and point of contact during the RSO's absence. Also available are Monica Samford and Laurie Dynski for administrative concerns and Wayne Snyder for technical concerns.

- e. Describe the overall availability of the consultant-RSO to respond to questions or operational issues that arise during the conduct of your radiation safety program and related regulatory requirements. Specify the maximum amount of time it will take the RSO to arrive at the facility in the event of an emergency that requires his presence.

Sharon will be available at all times to respond to questions or operational issues that arise during the conduct of the radiation safety program and related regulatory requirements. No radioactive material is stored at Varian Medical Systems in Charlottesville so the maximum response time to arrive at a facility for an emergency would depend on where in the world the facility is located. She will be available to respond promptly at any time and is within an hour of a major airport for required travel. This would not differ from the current normal practice.



Brachy Therapy
700 Harris Street, Suite 109
Charlottesville, VA 22903
USA
tel +1 434 977 8495
fax +1 434 244 7181
www.varian.com

Please let me know if you have any further questions or need additional information.

Best regards,

A handwritten signature in black ink, appearing to read "Mark Kattmann", with a long horizontal line extending to the right.

Mark Kattmann
Director, Operations & Quality
Varian Medical Systems

This is to acknowledge the receipt of your letter application dated 9/11/13 ^{received}

and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment (45-30957-01) There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 582104.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.